

NGDA Theme Community Meeting

December 1, 2020
1:00 – 2:30 PM ET

Webinar:

[Join Microsoft Teams Meeting](#)

Dial-In (if not joining via Teams audio):

703.648.4848 / Toll Free: 855.547.8255

Code: 79000#



Agenda

- ❖ Welcome and Roll Call
- ❖ GDA Reporting Review
 - ❖ Agency Reports Timeline
 - ❖ Lead Covered Agency (LCA) Report Template – **UNDER REVIEW**
 - ❖ Covered Agency (CA) Reports
- ❖ NGDA Baseline Standards Inventory – Status and Dashboards
- ❖ NGDA Metadata Review – Process and Status
- ❖ NGDA Theme Changes
 - ❖ Pending NGDA Portfolio Changes
- ❖ NGDA Inventory & POC Updates
- ❖ 2021 Theme Community Meeting Schedule
- ❖ Open Discussion

Roll Call

Theme	Name	Agency	Theme	Name	Agency
Address	Matt Zimolzak	Census Bureau	Governmental Units	Dierdre Bevington-Attardi	Census Bureau
Address	Steve Lewis	DOT	International Boundaries	Lee Schwartz	DOS
Biodiversity and Ecosystems	Marcia McNiff	USGS	Imagery	Greg Snyder	USGS
			Imagery	John Mootz	USDA
Cadastre	Dominica VanKoten	BLM	Land Use - Land Cover	Jim Ellenwood	USFS
Climate and Weather	Kari Sheets	NOAA	Land Use - Land Cover	Brad Reed	USGS
			Real Property	Valerie Butler	GSA
Cultural Resources	Deidre McCarthy	NPS	Soils	Drew Kinney	USDA
Elevation	Ashley Chappell	NOAA	Transportation	Derald Dudley	DOT
Elevation	Sue Buto	USGS	Utilities - Offshore	Jeff Harris	BSEE
Geodetic Control	Daniel Roman	NOAA	Utilities - Terrestrial	TBD	
			Water - Inland	Megan Lang	FWS
Geology	Paul Godfriaux	BOEM	Water - Inland	Becci Anderson	USGS
Geology	Dave Soller	USGS	Water - Oceans and Coasts	Patrick Keown	NOAA

GDA Reporting Review



Agency Reports Timeline

- ❖ Timeline for completing reports, summaries, and comment process under review by GDA Team
- ❖ LCA Report Timeline
 - ❖ Now - 3 December:
 - ❖ Theme Lead Review comments due
 - ❖ 3 - 11 December:
 - ❖ PfM Team adjudicate comments
 - ❖ 11 - 23 December: Steering Committee vote to approve
 - ❖ 23 December - 6 January:
 - ❖ PfM Team populates template
 - ❖ 6 January - 3 February:
 - ❖ Theme Leads complete template with input from Dataset Managers & obtain agency review

Lead Covered Agency Report Template

- ❖ GDA Section 756 identifies requirements for Lead Covered Agencies
- ❖ Report Template addresses progress on:
 - A. Geospatial Data Standards
 - B. Nationwide Population of Data Themes
 - C. Actions that Support the Goals and Objectives in the NSDI Strategic Plan
 - D. Addressing User Needs
- ❖ Baseline report will document ongoing NGDA Portfolio Community efforts that align with GDA requirements for developing Theme Plans
- ❖ Template and Appendix A Use Case documents are in MS Teams

For Your Review

FGDC.GOV
FEDERAL GEOGRAPHIC DATA COMMITTEE

Lead Covered Agency
NGDA Theme FY2020 Annual
Performance Report
for
<Insert Theme Name> Theme

<Insert Lead Agency Name>

Federal Geographic Data Committee (FGDC)

<Insert Date>

DRAFT

Lead Covered Agency (LCA) Report Template

- ❖ Future reporting is dependent on plan development, the final NSDI Strategic Plan and release of the revised Circular A-16
- ❖ Template is meant to establish a **FY2020 baseline** to meet GDA requirements for the Annual Progress Report that will:
 - ❖ Be a Self-assessment
 - ❖ Provide the basis for development of the Theme Plans
- ❖ **Let's have a look at the Draft Template:**

Covered Agency Reports

- GDA Section 759 identifies 13 requirements for Covered Agencies
 - Standardized report template to measure agency progress and provide self-assessments based on common criteria and suite of questions for each requirement, using GeoPlatform & Survey123
 - Results in an overall rating for each of the 13 requirements, as well as an initial overall rating of Covered Agency performance
- Draft 3.0 was approved by the Steering Committee on November 6
- Testing and account setup underway,
- Work to roll out to agency POCs begins December 1



FGDC.GOV
FEDERAL GEOGRAPHIC DATA COMMITTEE

**2020 Covered Agency Annual Report
and Self-Assessment**
for
Geospatial Data Act of 2018
Section 759(a) Requirements

October 30, 2020

DRAFT v 3.0

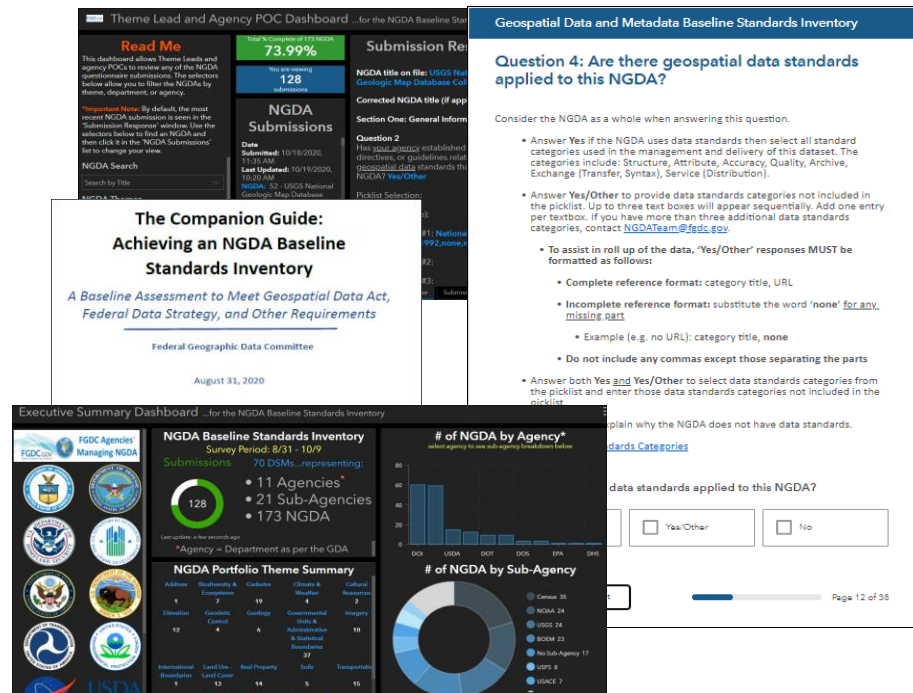


NGDA Baseline Standards Inventory



NGDA Baseline Standards Inventory

- ❖ Geospatial standards related to 173 NGDA inventoried
- ❖ Supports FDS 2020 Action Plan and GDA Sections 756 and 759
- ❖ Gathered using Esri Survey123 through the GeoPlatform
- ❖ Data analysis for high-level reporting has begun
- ❖ Dashboards for viewing results were developed
- ❖ Responses were due October 9, 2020 – 78% completion to date
- ❖ Completion status for each Theme will be reported in the Lead Covered Agency reports



[NGDA Theme Lead and Agency POC Dashboard](#)

NGDA Baseline Standards Inventory – Status as of 11/24

Response/Status	Theme Name	Official NGDA Name
Alt. POC TBD	Elevation	National Flood Hazard Layer (NFHL)
Alt. POC TBD	Cadastre	BIA Indian Lands Dataset (Indian Lands of the United States)
Alt. POC TBD	Cadastre	BAmerican Indian Reservations (AIR) Exterior Extent Boundaries
Not Submitted	Biodiversity and Ecosystems	Environmental Sensitivity Index (ESI) Data Viewer and REST Services for Atlases
Not Submitted	Imagery	Advanced Spaceborne Thermal Emission and Reflection Radiometer (ASTER)
Not Submitted	Imagery	Moderate Resolution Imaging Spectroradiometer (MODIS) - Aqua
Not Submitted	Imagery	Moderate Resolution Imaging Spectroradiometer (MODIS) - Terra
Not Submitted	Imagery	Landsat 7 Enhanced Thematic Mapper Plus Collection 1 Level-1 -
Not Submitted	Imagery	Landsat 1-5 Multispectral Scanner Collection 1 Level-1 -
Not Submitted	Imagery	Landsat 4-5 Thematic Mapper Collection 1 Level-1 -
Not Submitted	Imagery	Landsat 8 Operational Land Imager and Thermal Infrared Sensor - National Geospatial Data Asset (NGDA)
Not Submitted	Transportation	Airports (National) - National Geospatial Data Asset (NGDA) Airports
Not Submitted	Transportation	Runways (National) - National Geospatial Data Asset (NGDA) Runways
Not Submitted	Transportation	Inland Electronic Navigational Charts (IENC)
Not Submitted	Transportation	Fixed-Guideway Transit Lines (National) - National Geospatial Data Asset (NGDA) Transit (Lines)
Not Submitted	Transportation	Waterway Locks (National) - National Geospatial Data Asset (NGDA) Locks
Not Submitted	Transportation	Ports (National) - National Geospatial Data Asset (NGDA) Ports
Not Submitted	Transportation	Navigable Waterway Routes (National) - National Geospatial Data Asset (NGDA) Waterway Lines
Not Submitted	Transportation	Navigable Waterway Nodes (National) - National Geospatial Data Asset (NGDA) Waterway Nodes
Not Submitted	Utilities	Outer Continental Shelf Oil and Natural Gas Pipelines - Gulf of Mexico Region NAD 27
Not Submitted	Utilities	Outer Continental Shelf Oil and Natural Gas Platforms - Gulf of Mexico Region NAD 27

NGDA Baseline Standards Inventory – Status as of 11/24

Not Submitted	Biodiversity and Ecosystems	Terrestrial Ecosystems of the Conterminous United States
Not Submitted	Governmental Units, and Administrative and Statistical Boundaries	HUD Entitlement Grantee Jurisdiction
Not Submitted	Real Property	Assisted Housing - Housing Choice Vouchers By Tract
Not Submitted	Real Property	Fair Market Rents (Fair Market Rents For The Section 8 Housing Assistance Payments Program)
Not Submitted	Real Property	HUD Insured Multifamily Properties
Not Submitted	Real Property	FHA Insured Single Family Properties
Not Submitted	Real Property	Sustainable Communities Regional Planning Grantees - National Geospatial Data Asset (NGDA)
Not Submitted	Real Property	FHA Single Family REO Properties For Sale
Not Submitted	Real Property	Public Housing Authorities
Not Submitted	Real Property	Public Housing Buildings
Not Submitted	Real Property	Public Housing Developments
Not Submitted	Real Property	Low Income Housing Tax Credit Properties
Not Submitted	Real Property	Assisted Housing - Multifamily Properties (Assisted) – National Geospatial Data Asset (NGDA)
Not Submitted	Transportation	North American Rail Lines (National) - National Geospatial Data Asset (NGDA) North American Rail Lines
Not Submitted	Transportation	North American Rail Nodes (National) - National Geospatial Data Asset (NGDA) North American Rail Nodes
Not Submitted	Water - Inland	National Levee Database
Not Submitted	Water - Inland	National Inventory of Dams

NGDA Baseline Standards Inventory – Dashboards

Let's visit the Dashboards ...

- ❖ [Dataset Manager Dashboard](#)
 - ❖ For Dataset Managers (DSM) to view their submission(s)*
- ❖ [Theme Lead and Agency POC Dashboard](#)
 - ❖ Theme Leads and Agency POCs were provided access* for viewing submissions by Theme

The screenshot shows the 'Theme Lead and Agency POC Dashboard' for the NGDA Baseline Standards Inventory. The dashboard is divided into several sections:

- Read Me:** A section explaining the dashboard's purpose and providing an important note about the 'Submission Response' window.
- NGDA Search:** A search bar with a dropdown menu for 'Search by Title'.
- NGDA Themes:** A section with buttons for 'All Themes', 'Address', 'Biodiversity and Ecosystems', 'Cadastral', 'Climate and Weather', and 'Cultural Resources'.
- Total % Complete of 173 NGDA:** A green box showing '78.03%'.
- You are viewing:** A blue box showing '17 submissions'.
- NGDA Submissions:** A section displaying two submission entries with details like 'Date Submitted', 'Last Updated', 'NGDA', 'DSM Email', and 'NGDA Theme'.
- Submission Response:** A section showing the 'NGDA title on file' as 'Inventory of Owned and Leased Properties (IOLP)', the 'Corrected NGDA title (if applicable)', and 'Section One: General Information'.

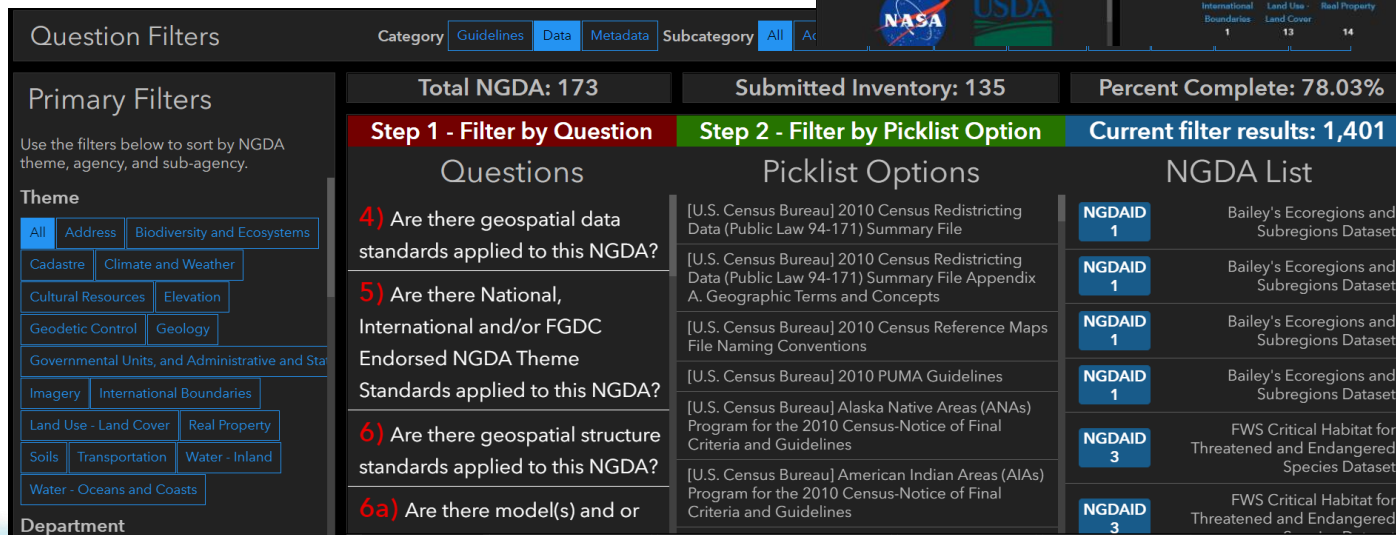
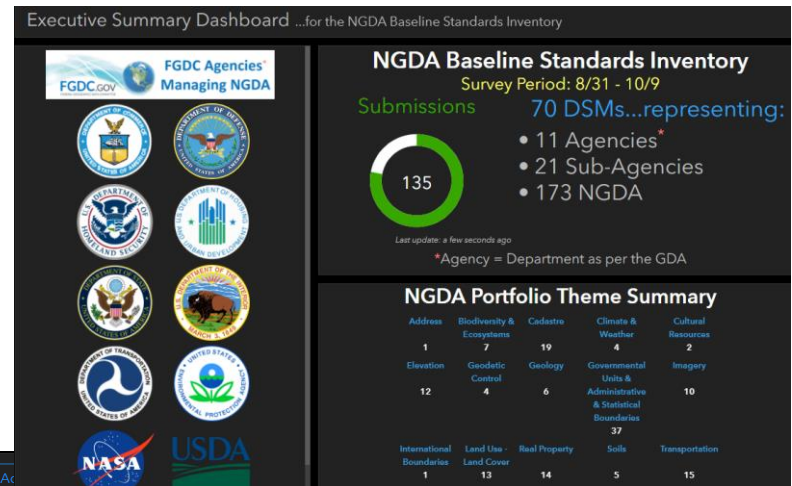
NGDA Baseline Standards Inventory – Dashboards (cont.)

❖ Executive Dashboard

- ❖ Intended to be public for high-level statistical summary

❖ Inventory Dashboard

- ❖ Developed to view and analyze results



❖ & other high level Survey information



FGDC.GOV
FEDERAL GEOGRAPHIC DATA COMMITTEE

FDS FY 2020 Action Plan – FGDC Action

Part 4: **GDA Lead Covered Agencies for NGDA data assets will identify, inventory, and publish the status and standards being used for each of the NGDA data themes and content and services metadata.**

Milestone: Track NGDAs for implementation of standards

Measure: Percentages of NGDAs with: i) metadata standards, ii) established content standards, ~~iii) standards in process, iv) data assets not requiring standards, v) no~~ established standards

Status: On-going and on-track for completion by December

Resolution: Close in December and report metrics i), ii), v). The metrics for iii) and iv) will not be captured in the initial assessment.

Approach: The NGDA Portfolio Team in conjunction with the DOI SAOGI to 1) provide an online survey to NGDA theme and dataset managers to create a baseline of standards to report initial measures, 2) propose FGDC technical guidance defining when a standard is required (this policy has not been created and should be part of the broader FGDC approach to standards).

FDS FY 2020 Action Plan – FGDC Action

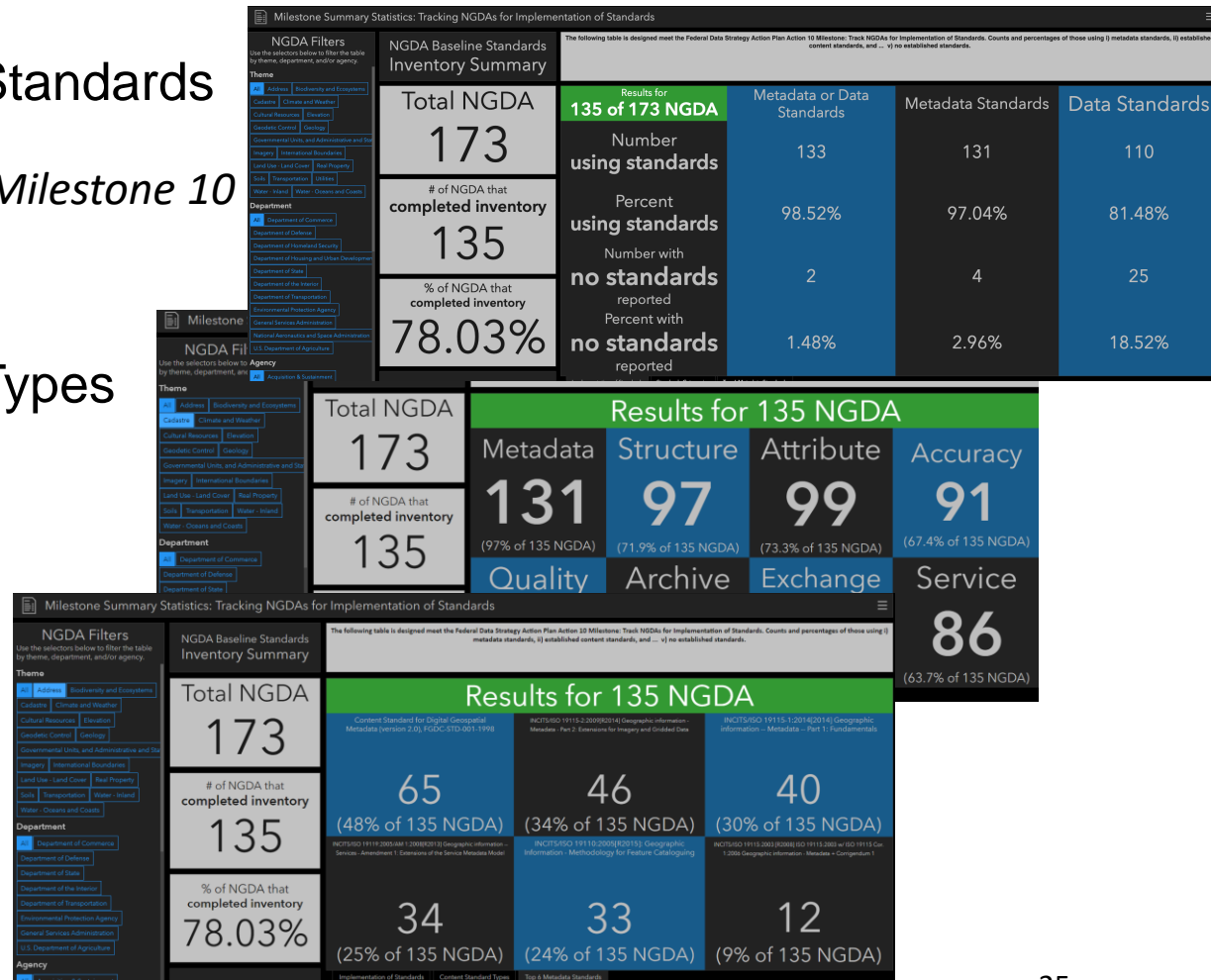
❖ Milestone Summary Statistics: Tracking NGDAs Dashboard

❖ Use of Standards

Federal Data Strategy Milestone 10 Reporting Dashboard

❖ Content Standard Types

❖ Metadata Standards



NGDA Metadata Review



NGDA Metadata Review – Background & Process

- ❖ Metadata review was completed by NGDA Team
- ❖ Goal is to ensure smooth ingestion of NGDA metadata into Data.gov and the GeoPlatform.gov
- ❖ Distributing the Results to the NGDA Community:
 - ❖ Created an MS Teams Room for NGDA Dataset Managers and Theme Leads to access and update metadata review information
 - ❖ A Quality Control Review Log file was posted to MS Teams folder for Dataset Managers or Metadata designees to update the information directly in the Log
 - ❖ MS Teams will also be used for future collaboration

NGDA Metadata Review - Documentation

❖ 2020 NGDA Metadata Review Folder* Contents:

- ❖ NGDA Metadata Review Process Guide & Checklist
- ❖ NGDA Metadata Review Summary
 - ❖ Common metadata errors and omissions
 - ❖ Gathering recommendations for updating Guidance
- ❖ Metadata Review and Quality Control Log
 - ❖ **For your input:**
NGDA_MetadataReview&QualityControlLog_Publication_vers20201026

* Email NGDATeam@fgdc.gov if you need access or you have access issues

NGDA Metadata Review

❖ Next Steps for NGDA Dataset Managers

- ❖ Access the Teams folder* and review the metadata review results file for your NGDA: **Quality Control Review Log**
- ❖ Review metadata issues and make any necessary metadata corrections
- ❖ Update the Quality Control Log when corrections are complete



❖ Why is this important?

- ❖ **GeoPlatform Automating Metadata Ingestion**
- ❖ Future status reporting to the Steering Committee

* Email NGDATeam@fgdc.gov if you don't have the emails sent on 10/5 or 11/1 with the MS Teams invitation and detailed instructions, or you have access issues or questions

NGDA Metadata Review Status

Theme Community	Number of NGDA	Number of NGDA Responding	Number of NGDA Updated (Self Reported)
Address	0		
Biodiversity and Ecosystems	7	2	
Cadastre	21	1	
Climate and Weather	4		
Cultural Resources	2	1	
Elevation	12		
Geodetic Control	4		
Geology	6		
Governmental Units, and Administrative and Statistical Boundaries	38		
Imagery	10		
International Boundaries	1		
Land Use - Land Cover	13		
Real Property	14		
Soils	5		
Transportation	15		
Utilities	2		
Water - Inland	5		
Water - Oceans and Coasts	16	2	

Updated November 24, 2020 1:00 PM (E)

Pending NGDA Portfolio Changes



Pending NGDA Portfolio Changes

- ❖ Change request to retire Cadastre Theme USACE NGDA will go for Steering Committee for vote in December
- ❖ DOI requests are marked “Pending Approval by DOI”
 - They are designated as “Pending” in the [Official NGDA Portfolio list](#) in the Portfolio Community site
 - **Please coordinate with your GAC member to coordinate those changes** for resubmission through the Steering Committee in an upcoming vote

Brief SC in December - Cadastre Theme NGDA Change

Action: Retire NGDAID 8: Army Military Land Tracts (AMLT)

Justification:

- ❖ Duplicate information found within existing authoritative DoD NGDA sources:

- ❖ NGDAID 11: Department of Defense Land Parcels and Sites (Cadastre)
- ❖ NGDAID 134: Military Installations, Ranges, and Training Areas (Real Property)

POCs:

- ❖ Dataset Managers(s):

- ❖ Retiring NGDAID 8: Ronald Santos (ronald.t.santos@usace.army.mil)
- ❖ Existing NGDAID 11, 134: David LaBranche (david.f.labranche.civ@mail.mil)

- ❖ Theme Lead(s):

- ❖ Cadastre - Dominica VanKoten (dvankote@blm.gov)
- ❖ Real Property - Valerie R. Butler (valerie.butler@gsa.gov)

Pending Changes

Theme	Lead Agency	Proposed action for vote	Status	NGDA Dataset	Change Justification
<i>Biodiversity and Ecosystems</i>	USGS	Approve New NGDA	<i>Pending Approval by DOI</i>	GAP/LANDFIRE National Terrestrial Ecosystems	Meets all requirements for an NGDA
<i>Cadastre</i>	BLM	Approve Splitting NGDA into Three NGDA	<i>Pending Approval by DOI</i>	BLM National Surface Management Agency Area Polygons	Replaces a single NGDA with three NGDA (two still in development)
	BLM	Approve Replacing NGDA	<i>Pending Approval by DOI</i>	BLM National Administrative Unit Boundary Polygons and Office Points - National Geospatial Data Asset (NGDA)	Combines polygons and points into one NGDA
	BIA	Approve Replacing NGDA	<i>Pending Approval by DOI</i>	B American Indian Reservations (AIR) Exterior Extent Boundaries	Updates a similar NGDA
	USACE	Approve Retiring NGDA	<i>Pending final justification and vote</i>	Army Military Land Tracts (AMLT)	Duplicates NGDAID 11 and 134

Pending Changes (Cont.)

Theme	Lead Agency	Proposed action for vote	Status	NGDA Dataset	Change Justification
Imagery	BLM	Approve Combining two NGDA into one NGDA	<i>Pending Approval by DOI</i>	BLM National Surface Management Agency Area Polygons	Combines NGDAID 67 (Boundary Polygons) and NGDAID 68 (Office Points) into one NGDA
	USGS	Approve Replacing NGDA	<i>Pending Approval by DOI</i>	USGS High Resolution Orthoimagery Collection - Historical - National Geospatial Data Asset (NGDA) High Resolution Orthoimagery	No longer funded or supported. Moved from active to historical.
	USGS	Approve New NGDA	<i>Pending Approval by DOI</i>	Landsat 8 Operational Land Imager (OLI) and Thermal Infrared Sensor (TIRS) Collection 1 V1	New NGDA in line with Landsat 4-5 and 7

NGDA Inventory & POC Updates

❖ Theme Executive Champion Change

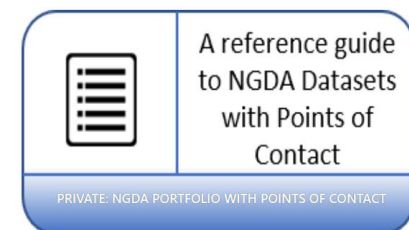
NGDA Theme	New Theme Executive Champion	Previous Exec. Champion
All DOI Managed Themes. Elevation is unchanged	David Carter, DOI GIO	Tod DaBolt, DOI CDO

NGDA Theme	New Theme Lead	Previous Theme Lead

❖ Dataset Manager Changes

NGDA Dataset Name	Theme	New Dataset Manager	Previous Dataset Manager

Reminder: There were multiple NGDA DSM changes across several Themes due to NGDA Baseline Standards Inventory outreach preparation. Please log in to the [NGDA Collaboration Community \(NCC\)](#) to download the new point of contact list or email NGDATeam@fgdc.gov.



2021 Theme Community Meeting Schedule

❖ Meeting Schedule, Agenda, Slides, and Notes:

<https://communities.geoplatform.gov/ngda-portfolio/meetings/>

Date	Time (Eastern)
Jan 7 (Thursday)	1:00 - 2:30 ET
Feb 2 (Tuesday)	1:00 - 2:30 ET
Mar 4 (Thursday)	1:00 - 2:30 ET
Apr 6 (Tuesday)	1:00 - 2:30 ET
May 6 (Thursday)	1:00 - 2:30 ET
Jun 1 (Tuesday)	1:00 - 2:30 ET
Jun 29 (Tuesday)*	1:00 - 2:30 ET
Aug 3 (Tuesday)	1:00 - 2:30 ET
Sep 2 (Thursday)	1:00 - 2:30 ET
Oct 7 (Tuesday)	1:00 - 2:30 ET
Nov 4 (Thursday)	1:00 - 2:30 ET
Dec 7 (Tuesday)	1:00 - 2:30 ET

** Denotes date adjustment due to holiday or other conflict*

Open Discussion



Next Meeting:
Thursday, January 7, 2020
1:00 PM – 2:30 PM ET